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## IN THE CLAIMS:

Claims 1-27 (Cancelled):

- 28. (new) A device for detecting humans comprising:
  - a radio frequency transmitter for generating a signal;
- a radio frequency receiver spaced relative to the radio frequency transmitter for receiving a portion of the signal;
- a path there between sufficient for humans to pass between the transmitter and receiver; and
- a receiver that includes a detector responsive to a change in the received portion of the signal for determining the passing by of a human.
- A device as claimed in Claim 28 wherein the radio frequency transmitter 29. (new) and receiver are each housed in a pedestal.
- 30. (new) A device as claimed in Claim 29 wherein the path comprises a lane defined by spacing between the pedestals.
- 31. (new) A device as claimed in Claim 28 wherein the radio frequency transmitter includes a first antenna for generating a vertically polarized radio frequency signal.
- A device as claimed in Claim 28 wherein the first antenna comprises a 32. (new) dipole antenna.
- 33. (new) A device as claimed in Claim 28 wherein the first antenna comprises a folded dipole antenna.
- 34. (new). A device as claimed in Claim 28 further comprising a second antenna for generating a horizontally polarized signal.

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- A device as claimed in Claim 34 wherein the second antenna comprises a 35. (new). dipole antenna.
- A device as claimed in Claim 34 wherein the second antenna comprises a 36. (new) folded dipole antenna.
- A device as claimed in Claim 28 wherein the radio frequency transmitter 37. (new) includes a first and a third antenna.
- A device as claimed in Claim 37 wherein the first and third antennas 38. (new) comprise a dipole antenna.
- 39. (new) A device as claimed in Claim 37 wherein the first and third antennas comprise a folded dipole antenna.
- 40. (new) A device as claimed in Claim 38 further comprising a second antenna for generating a horizontally polarized signal.
- A device as claimed in Claim 37 wherein first and third antennas are 41. (new) coupled to a single transmitter.
- 42. (new) A device as claimed in Claim 37 wherein first and third antennas are coupled to separate transmitters.
- 43. (new) A device as claimed in Claim 28 further comprising a metallic reflector is positioned behind each antenna relative to the path.
- 44. (new) A device as claimed in Claim 28 wherein the detector responds to a change in the amplitude of the received signal.

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45. (new) A device as claimed in Claim 28 wherein both the phase and amplitude of the received signal are used in making a determination.

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- 46. (new) A building-access security system comprising a plurality of devices as claimed in claim 28.
- 47. (new) A people-counting system comprising a plurality of devices as claimed in claim 28.
- 48. (new) A building-access security system comprising a video camera system and a plurality of the devices as claimed in claim 28.
- 49. (new) A building-access security system comprising a plurality of devices as claimed in claim 28, each further comprising an IR detection beam system.
- 50. (new) A building-access security system comprising a plurality of the devices as claimed in claim 28, each device further comprising distance sensors.
- 51. (new) A building-access security system as claimed in claim 49 further comprising a video camera system.
- 52. (new) A building-access security system as claimed in claim 51 wherein the video camera system includes stereo video.
- 53. (new) A device as claimed in Claim 28 wherein the device includes a capacitance sensor.
- 54. (new) A device as claimed in Claim 28 wherein the transmitter and receiver are operable to provide a spread spectrum signal.

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Please charge any shortages or credit any overages to Deposit Account 503569.

Respectfully submitted,

Date: 3/24/06

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